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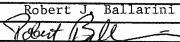
3624 7590 07/17/2007

VOLPE AND KOENIG, P.C.  
 UNITED PLAZA, SUITE 1600  
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Robert J. Ballarini (Depositor's name)  
  
 10/16/07 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/802,591	03/17/2004	Noboru Kuriyama	SAS2-PT072	8919

TITLE OF INVENTION: METHOD OF DETECTING AN ARC IN A GLOW-DISCHARGE DEVICE AND APPARATUS FOR CONTROLLING A HIGH-FREQUENCY ARC DISCHARGE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	10/17/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
A, MINH D	2821	315-150000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

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 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Volpe And Koenig P.C.

- 1 \_\_\_\_\_  
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PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

SHIBAURA MECHATRONICS CORPORATION

Yokohama-shi, JAPAN

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

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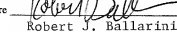
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- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature   
 Typed or printed name Robert J. Ballarini

Date 10/16/07  
 Registration No. 48,684

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